

What is Claimed is:

1. A child resistant carton package, the package comprising an outer sleeve of fiber-based material, an insert that can be slidably drawn out of the sleeve, the
5 insert carrying the packaged product, and a locking mechanism between the sleeve and the insert, for preventing a child from drawing the insert out of the sleeve, said outer sleeve comprising board reinforced with a polymer to increase its resistance to tearing.
- 10 2. A carton package according to claim 1, wherein the outer sleeve is made from polymer extrusion coated board.
- 15 3. A carton package according to claim 1, wherein the board has a coating layer of a tough polymer selected from the group consisting of polyester, polyamide, polypropene and polycarbonate.
4. A carton package according to claim 3, wherein the coating polymer is polyethylene terephthalate.
- 20 5. A carton package according to claim 3, wherein the board on both sides thereof is provided with a coating layer of a tough polymer.
6. A carton package according to claim 1, wherein said polymer comprises an inner reinforcement layer of a tough polymer and an outer heat seal polymer layer.
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7. A carton package according to claim 1, wherein the insert is made of the same polymer extrusion coated board as the outer sleeve.
8. A carton package according to claim 1, wherein cutting edges at least on the
30 outside of the outer sleeve are provided with a polymer shield against delamination of the board.
9. A carton package according to claim 1, wherein the board is delaminable along a fiber-based material layer in case of failure of a cutting edge.
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10. A carton package according to claim 1, wherein the sleeve comprises four longitudinal side walls parallel to a sliding direction (S) of the insert and an open end to let the insert be drawn out of the sleeve, and that the locking mechanism

comprises a first stop tab in the sleeve, the first stop tab extending from a first to a second of the longitudinal walls and being at least partly separated from the first longitudinal wall and the second longitudinal wall, and a first locking edge provided in the insert, the insert being prevented, upon contact of the first locking edge with 5 the first stop tab, from moving out of the sleeve, while the first locking edge can, through elastic deforming of a part of the insert by a user, be moved so that its movement past the first stop tab is made possible.

11. A carton package according to claim 1, wherein the outer sleeve has one or 10 more holes permitting release of the locking by a user's finger.

12. A carton package according to claim 2, wherein the outer sleeve is made by folding a blank of the polymer extrusion coated board and seaming overlapping parts of the folded blank together by heat sealing the coating polymer of the board, 15 the seams on the outside of the sleeve having the edge of the outer board part protected by polymeric shielding against delamination of the coated board.

13. A carton package according to claim 12, wherein an edge portion of the outer board part is skived from its inside and turned twofold, the polymer coating of the 20 folded portion forming the delamination shield and at least part of the heat seal between the overlapping inner and outer board parts at the seam.

14. Use of polymer extrusion coated board for a child resistant carton package for a pharmaceutical or like dangerous product, the package comprising an outer sleeve, a slidable insert and a locking mechanism between the outer sleeve and the 25 insert.

15. Use of polyethylene terephthalate coated board in accordance with claim 14.

16. Use of polymer extrusion coated board having an inner layer of a tough 30 polymer selected from the group consisting of polyester, polyamide, polypropene and polycarbonate and an outer heat seal layer of polyolefine, for a child resistant carton package in accordance with claim 14.

17. Use of polymer extrusion coated board in accordance with claim 14 for the 35 outer sleeve, the slidable insert and the locking mechanism parts of the carton package.